WHAT IS CLAIMED IS:

1. An ink jet recording sheet comprising an ink receiving layer provided on a substrate, said ink receiving layer being formed by preparing a layer containing a porous filler and a binder by coating and drying on the substrate and thereafter allowing the layer to be impregnated with a water-soluble cationic organic material, wherein

said layer containing the porous filler and the binder is formed using a coating liquid having a pH of 4 or less;

the amount of the water-soluble cationic organic material contained in said layer containing the porous filler and the binder after the layer is impregnated with the water-soluble cationic organic material is 2% by weight or less in terms of solid ratio to the layer; and

said filler is contained in an amount of 40 to 80% by weight in the total solid of the ink receiving layer.

- 2. An ink jet recording sheet according to Claim 1, wherein a silanol-modified polyvinyl alcohol is contained as the binder.
- 3. An ink jet recording sheet according to Claim 1, wherein the water-soluble cationic organic material with which said layer is impregnated is a dicyandiamide condensate.
- 4. An ink jet recording sheet according to Claim 1, wherein the ink receiving layer contains a hydrate aluminum oxide.
- 5. An ink jet recording sheet according to Claim 1, wherein the ink receiving layer contains a water-soluble aluminum salt.

An ink jet recording sheet comprising an ink receiving layer provided on a substrate, said ink receiving layer being

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binder by coating and drying on the substrate and thereafter allowing the layer to be impregnated with a water-soluble cationic organic material, wherein

said layer containing the porous filler and the binder is formed using a coating liquid having a pH of 4 or less;

the amount of the water-soluble cationic organic material contained in said layer containing the porous filler and the binder after the layer is impregnated with the water-soluble cationic organic material is 2% by weight or less in terms of solid ratio to the layer;

said filler is contained in an amount of 40 to 80% by weight in the total solid of the ink receiving layer; and

said layer is impregnated with the water-soluble cationic organic material such that the water-soluble cationic organic material is contained in a larger amount in the vicinity of the surface of the ink receiving layer.

- 7. An ink jet recording sheet according to Claim 6, wherein a silanol-modified polyvinyl alcohol is contained as the binder.
- 8. An ink jet recording sheet according to Claim 6, wherein the water-soluble cationic organic material with which said layer is impregnated is a dicyandiamide condensate.
- 9. An ink jet receiving sheet according to Claim 6, wherein the ink receiving layer contains a hydrate aluminum oxide.
- 10. An ink jet recording sheet according to Claim 6, wherein the ink receiving layer contains a water-soluble aluminum salt.
- 11. An ink jet recording sheet comprising an ink receiving

formed by preparing a layer containing a porous filler and a binder by coating and drying on the substrate and thereafter allowing the layer to be impregnated with a water-soluble cationic organic material, wherein

said porous filler is silica, which is prepared by mixing silica having an average particle diameter of 5 μ m or less which is measured using a coulter counter method and an oil absorptiveness of 200 to 230 ml/100 g with silica having a larger average diameter than the former silica in a ratio by weight of 100:0 to 50:50; and

said filler is contained in an amount of 40 to 80% by weight in the total solid of the ink receiving layer.

- 12. An ink jet recording sheet according to Claim 11, wherein the layer containing the porous filler and the binder is formed using a coating liquid having a pH of 4 or less and the amount of the water-soluble organic material contained in the layer containing the porous filler and the binder is 2% by weight or less in terms of solid ratio to the layer.
- 13. An ink jet recording sheet according to Claim 11, wherein the amount of the water-soluble cationic organic material contained in the layer containing the porous filler and the binder before the layer is impregnated with the water-soluble cationic organic material is 2% by weight or less in terms of solid ratio to the layer.
- 14. An ink jet recording sheet according to Claim 11, wherein said layer is impregnated with the water-soluble cationic

organic material such that the water-soluble cationic organic material is contained in a larger amount in the vicinity of the surface of the ink receiving layer.

- 15. An ink jet recording sheet according to Claim 14, wherein the amount of the water-soluble cationic organic material contained in the layer containing the porous filler and the binder before the layer is impregnated with the water-soluble cationic organic material is 2% by weight or less in terms of solid ratio to the layer.
- 16. An ink jet recording sheet according to Claim 11, wherein a silanol-modified polyvinyl alcohol is contained as the binder.
- 17. An ink jet recording sheet according to Claim 11, wherein the water-soluble cationic organic material with which said layer is impregnated is a dicyandiamide condensate.
- 18. An ink jet recording sheet according to Claim 11, wherein the ink receiving layer contains a hydrate aluminum oxide.
- 19. An ink jet recording sheet according to Claim 11, wherein the ink receiving layer contains a water-soluble aluminum salt.

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